



#743

Practitioner's Docket No. 2119/103**PATENT**#4  
CH-  
11/27/01**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application

of \_\_\_\_\_ Inventor(s)  
for \_\_\_\_\_ Title of invention

the specification of which is being transmitted herewith

**OR**

In re application of: Hess et al.

Application No.: 09 / 842,361 Group No.: 1743

Filed: April 25, 2001 Examiner: Not yet assigned

For: A System and Method for High Throughput Processing of Droplets

[REDACTED] Commissioner for Patents  
Washington, D.C. 20231**RECEIVED**

OCT 2 2001

**TC 1700****INFORMATION DISCLOSURE STATEMENT****CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING** deposited with the United States Postal Service in an envelope addressed to the [REDACTED] Commissioner for Patents, Washington, D.C. 20231

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10\*

 with sufficient postage as first class mail.  as "Express Mail Post Office to Addressee"

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**TRANSMISSION** transmitted by facsimile to the Patent and Trademark Office.

Signature

Date: 9/26/2001Alexander J. Smolenski, Jr.

(type or print name of person certifying)

(Information Disclosure Statement [6-1]—page 1 of 7)

**NOTE:** "An information disclosure statement shall be considered by the Office if filed by the applicant within any one of the following time periods:

- (1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- (2) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- (3) Before the mailing date of a first Office action on the merits; or
- (4) Before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114."

37 C.F.R. § 1.97(b).

**NOTE:** "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 C.F.R. § 1.56(a).

"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) each inventor named in the application;
- (2) each attorney or agent who prepares or prosecutes the application; and
- (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. § 1.56(c).

**NOTE:** The "duty as described in § 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13 -25 at 17.

**WARNING:** "No information disclosure statement may be filed in a provisional application." 37 C.F.R. § 1.51(d).

### **List of Sections Forming Part of This Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

*(check sections forming a part of this statement: discard unused sections and number pages consecutively)*

1.  Preliminary Statements
2.  FORMS PTO/SB/08A and 08B (formerly FORM PTO-1449)
3.  Statement as to Information Not Found in Patents or Publications
4.  Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5.  Cumulative Patents or Publications
6.  Copies of Listed Information Items Accompanying This Statement
7.  Concise Explanation of Non-English Language Listed Information Items
  - 7A.  EPO Search Report
  - 7B.  English Language Version of EPO Search Report
8.  Translation(s) of Non-English Language Documents
9.  Concise Explanation of English Language Listed Information Items (Optional)
10.  Identification of Person(s) Making This Information Disclosure Statement

*(complete the following, if appropriate)*

Sections \_\_\_\_\_, respectively, have been continued on ADDED PAGE(S).

**NOTE:** "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).

(Information Disclosure Statement [6-1]—page 2 of 7)

**S e c t i o n 1. Preliminary statements**

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**Section 2. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Hess et al. Attorney Docket: 2119/103  
 Serial No: 09/842,361 Art Group Unit: 1743  
 Date Filed: April 25, 2001 Examiner Name: Not yet assigned  
 Invention: A System and Method for High Throughput Processing of Droplets

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE STATEMENT****United States Patents**

Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Subclass
	AA	3,566,677	06/26/69	Cole et al.	73-61.3
	AB	3,734,622	05/22/73	Adler, Stanford L.	356/103
	AC	4,071,315	01/31/78	Chateau, Guy	23/230
	AD	4,111,553	09/05/78	Garnys, Vytenis Peter	356/36
	AE	4,659,677	04/21/87	Glover et al.	436/174
	AF	4,837,160	06/06/89	Meserol et al.	436/45
	AG	4,841,145	06/20/89	Wada et al.	250/304
	AH	4,883,642	11/28/89	Bisconte, Jean-Claude	422/66
	AI	5,006,749	04/09/91	White, Richard M.	310/323
	AJ	5,334,837	08/02/94	Ikeda et al.	250/339
	AK	5,486,337	01/23/96	Ohkawa, Tihiro	422/100
	AL	5,516,692	05/14/96	Berndt, Klaus W.	435/286.7

**International Patents**

Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Subclass
	AM	EP60022478	04.02.85	Toshio, Shinsei	H02N 2/00
	AN	EP0556748 A2	12.02.93	Nishimura et al.	G01N 15/14

_____	AO	WO9534374	21.12.95	Bryning et al.	G01N 21/86
_____	AP	EP0752281	17.05.96	Pezzoli et al.	B07C 5/36
_____	AQ	A2 WO9808093	26.02.98	Kouvonens, Ilkka	G01N 33/543
_____	AR	WO9815355	16.04.98	Dannoux, Thierry	B01L

Examiner Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

02119/00103 173355.1

**Secti n 6. C opies f Listed Informati n Items Acc mpanying This Statement**

NOTE: 37 C.F.R. § 1.98(a)(2) requires that any information disclosure statement filed under § 1.97 shall include:  
"A legible copy of:

- (i) Each U.S. patent application publication and U.S. and foreign patent;
- (ii) Each publication or that portion which caused it to be listed;
- (iii) For each cited pending U.S. application, th application specification including the claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion. . ."

Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement.

*(complete the following, if applicable)*

Exception(s) to above:

- Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.
- Cumulative patents or publications identified in Section 5.

(Information Disclosure Statement—Section 6. Copies of Listed Information Items Accompanying This Statement [6-1]—page 6 of 7 )

**SECTION 10. Identification of Person(s) Making This Information Disclosure Statement**

The person making this statement is

(check each applicable item)

(a)  the inventor(s) who signs below

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SIGNATURE OF INVENTOR

---

(type name of inventor who is signing)

(b)  an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c))

---

SIGNATURE OF INVENTOR

---

(type name of inventor who is signing)

(c)  the practitioner who signs below on the basis of the information:

(check each applicable item)

supplied by the inventor(s).  
 supplied by an individual associated with the filing and prosecution of this application. (37 C.F.R. § 1.56(c))  
 in the practitioner's file.



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SIGNATURE OF PRACTITIONER

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Reg. No.: 47,953

Alexander J. Smolenski, Jr.

Tel. No.: (617) 443-9292

---

(type or print name of practitioner)

Customer No.: 00-2101

Bromberg & Sunstein LLP

P.O. Address

125 Summer Street, 11th Floor  
Boston, MA 02110-1618

(Information Disclosure Statement—Section 10. Identification of Person(s) Making This Information Disclosure Statement [6-1]—page 1 of 1)

Practitioner's Docket No. 2119/103**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent application

of \_\_\_\_\_ Inventor(s)  
for \_\_\_\_\_ Title of invention**OR**

In re application of: Hess et al.

Application No.: 09 / 842,361 Group Art Unit: 1743  
Filed: April 25, 2001 Examiner: Not yet assigned  
For: A System and Method for High Throughput Processing of Droplets  
~~Commissioner for Patents~~  
Washington, D.C. 20231**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

**NOTE:** "An information disclosure statement shall be considered by the Office if filed by the applicant: (1) within three months of the filing date of a national application; (2) within three months of the date of entry of the national stage as set forth in § 1.491 in an International application; or (3) before the mailing date of a first Office action on the merits, whichever event occurs last." 37 C.F.R. § 1.97(b).

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))**

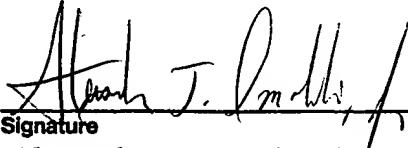
I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

XX deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the ~~Commissioner for Patents~~, Washington, D.C. 20231.

Dat : 9/16/2001**FACSIMILE**

transmitted by facsimile to the Patent and Trademark Office.

  
SignatureAlexander J. Smolenski, Jr.  
(type or print name of person certifying)

**NOTE:** The "filing date of a national application" under 37 C.F.R. § 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. § 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual Inventor or Inventors as required by § 1.41." 37 C.F.R. § 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the basic national fee; (2) a copy of the international application, unless already sent by the International Bureau, and optionally an English translation if filed in another language; and, also optionally (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the International preliminary examination report, if such annexes were made in another language. The optional items must be submitted later, with surcharges. 37 C.F.R. § 1.97(b)(2).

## **IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

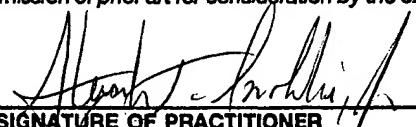
**NOTE:** "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."

**NOTE:** "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**NOTE:** "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**NOTE:** "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**WARNING:** "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63).



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(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [6-3]—page 2 of 2)